

Pneumatic Membrane Pumpe Conveying

Application:

Conveying of dry powders:

- ▶ Mineral fillers
- ▶ Ceramic fillers
- ▶ Chemical products
- ▶ Other soft to hard minerals

Performance:

- ▶ Conveying capacity up to 5 t/h
- ▶ Conveying distances up to 50 m can be realised, depending on type of product and conveying way

Features:

- ▶ Conveying system for small to medium capacity
- ▶ Self-suction via a short suction line when having light weight powders
- ▶ Material feeding with suction support by the conveying device
- ▶ Conveying by displacement with low air supply into the feeding flow
- ▶ Gentle conveying due to a low rate
- ▶ Low pressure and low conveying air require only small dedusting devices
- ▶ By permanent pressure control, compressions in the feed pipe are noticed and counteracted with purging air



- ▶ Automatic purging of the feed pipe after every conveying process via purging air, chronologically adjustable
- ▶ Optimal cleaning of the pump chambers by blowing against the movable membrane system
- ▶ Adjustment of the function parameters via free programmable control system enables optimal adaption to the transported material
- ▶ Flexible application by combining the suction/pressure conveying with compact design

